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PTO/SB/05 (05-03)

Approved for use through 10/31/2002. OMB 0651-0032  
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10/66608  
09/17/03

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 8540G-000211 (GM Ref. No. GP-303505)

First Inventor William H. Pettit

Title METHOD AND APPARATUS FOR HYDROGEN DETECTION AND DILUTION

Express Mail Label No. EL 623 312 475 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 36]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C.113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copy of IDS Citation for foreign documents only
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation       Divisional       Continuation-in-part (CIP)

Prior application information: Examiner \_\_\_\_\_

of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

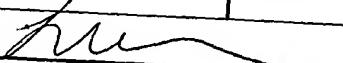
## 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

27572

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	Harness, Dickey & Pierce, P.L.C. Linda M. Deschere				
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Country	United States of America	Telephone	248-641-1600		Fax 248-641-0270
Name (Print/Type)	Linda M. Deschere			Registration No. (Attorney/Agent)	34,811
Signature				Date	September 17 2003

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

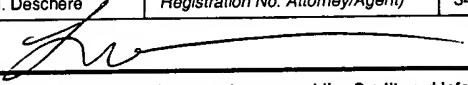
 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1726)

Complete If Known	
Application Number	
Filing Date	
First Named Inventor	William H. Pettit
Examiner Name	
Group / Art Unit	
Attorney Docket No.	8540G-000211

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)			
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account:				<b>3. ADDITIONAL FEES</b>			
Deposit Account Number: 07-0960  Deposit Account Name: General Motors Corporation				<b>Large Entity</b>	<b>Small Entity</b>		
The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				<b>Fee Code (\$)</b>	<b>Fee Code (\$)</b>	<b>Fee Description</b>	<b>Fee Paid</b>
				1051	130	Surcharge - late filing fee or oath	
				1052	50	Surcharge - late provisional filing fee or cover sheet	
				1053	130	Non-English specification	
				1812	2,520	For filing a request for reexamination	
				1804	920*	Requesting publication of SIR prior to Examiner action	
				1805	1,840*	Requesting publication of SIR after Examiner action	
				1251	110	Extension for reply within first month	
				1252	410	Extension for reply within second month	
				1253	930	Extension for reply within third month	
				1254	1,450	Extension for reply within fourth month	
				1255	1,970	Extension for reply within fifth month	
				1401	320	Notice of Appeal	
				1402	320	Filing a brief in support of an appeal	
				1403	280	Request for oral hearing	
				1451	1,510	Petition to institute a public use proceeding	
				1452	110	Petition to revive – unavoidable	
				1453	1,300	Petition to revive – unintentional	
				1501	1,300	Utility issue fee (or reissue)	
				1502	470	Design issue fee	
				1503	630	Plant issue fee	
				1460	130	Petitions to the Commissioner	
				1807	50	Processing fee under 37 CFR 1.17 (q)	
				1806	180	Submission of Information Disclosure Stmt	
				8021	40	Recording each patent assignment per property (times number of properties)	40
				1809	750	Filing a submission after final rejection (37 CFR § 1.129(a))	
				1810	750	For each additional invention to be examined (37 CFR § 1.129(b))	
				1801	750	Request for Continued Examination (RCE)	
				1802	900	Request for expedited examination of a design application	
				Other fee (specify) _____			
				*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 40)	

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Linda M. Deschere	Registration No. Attorney/Agent)	34,811	Telephone	(248) 641-1600
Signature				Date	September 17 2003

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